RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/568, 168
Source:	IFWP.
Date Processed by STIC:	2/28/06
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ENTERED



IFWP

RAW SEQUENCE LISTING DATE: 02/28/2006
PATENT APPLICATION: US/10/568,168 TIME: 13:45:51

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4 <110> APPLICANT: Aurisicchio, Luigi
             La Monica, Nicola
             Giannetti, Patrizia
      6
             Ciliberto, Gennaro
     7
      9 <120> TITLE OF INVENTION: SYNTHETIC GENE ENCODING RHESUS MONKEY
     10
              CARCINOEMBRYONIC ANTIGEN AND USES THEREOF
     13 <130> FILE REFERENCE: ITR0058P
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C--> 15 <141> CURRENT FILING DATE: 2006-02-09
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     16 <151> PRIOR FILING DATE: 2004-08-17
     18 <150> PRIOR APPLICATION NUMBER: 60/497,201
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81 Thr Ala Gln Leu Thr Ile Glu Ser Arg Pro Phe Asn Val Ala Glu Gly
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83 Lys Glu Val Leu Leu Leu Ala His Asn Val Ser Gln Asn Leu Phe Gly
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85 Tyr Ile Trp Tyr Lys Gly Glu Arg Val Asp Ala Ser Arg Arg Ile Gly
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87 Ser Cys Val Ile Arg Thr Gln Gln Ile Thr Pro Gly Pro Ala His Ser
89 Gly Arq Glu Thr Ile Asp Phe Asn Ala Ser Leu Leu Ile His Asn Val
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91 Thr Gln Ser Asp Thr Gly Ser Tyr Thr Ile Gln Val Ile Lys Glu Asp
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93 Leu Val Asn Glu Glu Ala Thr Gly Gln Phe Arg Val Tyr Pro Glu Leu
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95 Pro Lys Pro Tyr Ile Ser Ser Asn Asn Ser Asn Pro Val Glu Asp Lys
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97 Asp Ala Val Ala Leu Thr Cys Glu Pro Glu Thr Gln Asp Thr Thr Tyr
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99 Leu Trp Trp Val Asn Asn Gln Ser Leu Pro Val Ser Pro Arg Leu Glu
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105 Arg Ser Asp Pro Val Thr Leu Asn Val Leu Tyr Gly Pro Asp Ala Pro
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100	225					220					225					240
	225	-1 -	0	D	T	230	ml	D	(Th	7	235	01	a 1	7	T	240
	Thr	me	ser	Pro		ASII	Thr	Pro	Tyr	_	Ala	GIY	GIU	ASI		Asn
108	. .	m)	~	***	245	37.		3	D	250		a1		D1	255	Dl
	ьeu	Thr	Cys		Ala	Ala	Ser	Asn		Thr	Ата	GIN	Tyr		Trp	Pne
110		_	a 1	260	5 1	a 1.	~ 1		265	a 1.	~1	.	51. .	270	D	
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114		290		_	_	_	295	_,				300	1		_	
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	305	_	_	_	_	310		_,	_	_	315	_	_	_		320
	GIU	Leu	Pro	гàг		ıyr	11e	Thr	ser		Asn	ser	Asn	Pro		GIU
118	_	_	_		325	m)	_	m)	_	330	_	~7	1	~ 1	335	m1 .
	Asp	ьys	Asp		vaı	Inr	ьeu	Thr		GIU	Pro	GIU	Thr		Asp	Thr
120	_1	_	_	340	_		_	_	345	_	_	_		350	_	_
	Thr	Tyr		Trp	Trp	vai	Asn	Asn	GIn	ser	ьeu	ser		ser	ser	Arg
122	. .	~1	355	a	•	•	•	360				77-3	365	•	-1 .	
	ьeu		ьeu	Ser	Asn	Asp		Arg	Thr	ьeu	Thr				ше	Pro
124		370		mal.	en l	51. .	375	a i	~ .	a.			•		7	
	_		Asp				ıyr	Glu	Cys	GIU		GIN	Asņ	Pro	vai	
	385		7				77-7	~ ml	T	7	395	*	m	a 1	D	400
	vaı	Arg	arg	ser	_	Pro	vaı	Thr	Leu		vaı	Leu	Tyr	GIY		Asp
128	77-	D	ml	-1 -	405	D	T	3	m1	410	m	7	3. 1	a1	415	7
	Ата	Pro	Thr		ser	Pro	ьeu	Asn		Pro	Tyr	Arg	Ala	_	GIU	Asn
130	T	7	T	420	G	77.5 -	77-	77-	425	7	Desc	77.	77.	430	Ma esc	Com
	ьeu	ASII		ser	Cys	HIS	Ala	Ala		ASII	PIO	Ата		GIII	TAT	ser
132	T	Dho	435	7 an	~1	mb ~	Dho	440 Gln		Cox	The	C1 n	445	Τ 011	Dho	T10
	пр	450	vaı	ASII	GLY	TIIL	455	GIII	GIII	261	1111	460	GIU	Leu	Pne	TIE
134	Dro		т1.	Th.~	1701	7 an		Ser	C111	cor	Фъгъ		Cvc	Cln	ת דת	uic
	465	ASII	TTE	TIIL	vai	470	ASII	ser	GIY	Ser	475	Met	Cys	GIII	AIA	480
		Sor	λla	Thr	Gly		Λcn	Arg	Thr	Thr		Thr	בוג	Tla	Thr	
138	ASII	Der	пια	1111	485	цец	ASII	Arg	1111	490	Val	1111	лта	110	495	vai
	Туг	Val	Glu	T.e.11		Lvc	Pro	Tyr	Tle		Ser	Δan	Asn	Ser		Pro
140	1 7 1	vai	OLU	500	110	1,5		- 7 -	505	JCI	DCI	11011	11011	510	11011	110
	Tle	Glu	Asn		Asn	Δla	Val	Thr		Thr	Cvs	Glu	Pro		Δla	Glu
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218	m)	m	.	340		**- 7	7	7	345	0	T	0	**- 7	350	a	7
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	_	ser	rrp	ьeu	тте		GIĀ	inr	ьeu	arg		HIS	Tnr	GIN	Val	
254		т1-	C	T~	т1 -	630	C	7 ~~	7.~~	7.~~	635	~ רת	Ma esc	. ד ת	C	640 Dho
∠55	Pne	тте	Ser	гуѕ	тте	THE	ser	ASII	ASII	ASII	GIY	ATG	ıyr	HIG	Cys	rne

VERIFICATION SUMMARY DATE: 02/28/2006

PATENT APPLICATION: US/10/568,168 TIME: 13:45:52

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